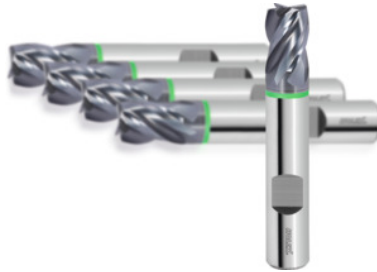




HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 5mm



Order data

Order number	GG1052 5
GTIN	4045197735676
Item class	GGN

Description

Version:

For **roughing and finishing**.

Up to $1 \times D$ into solid material **at very high feed rates** with smooth cutting action.

At maximum machining depths, ensure compliance with the ratio dimension L_c (cutting length) / \varnothing (nominal size)!

Same as No. 203052.

Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

Technical description

No. of teeth Z	4
Overall length L	54 mm
Flute length L_c	9 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.04 mm
Cutting edge $\varnothing D_c$	5 mm
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	0 / -0.03

Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in steel < 900 N/mm ²	0.03 mm
Corner chamfer width at 45°	0.2 mm
Shank $\varnothing D_s$	6 mm
Helix angle	38 degrees
Contents	5
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	260 m/min	P
Steel < 750 N/mm ²	suitable	240 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	160 m/min	P
INOX < 900 N/mm ²	suitable only under restricted conditions	80 m/min	M
GG(G)	suitable	250 m/min	K

Uni	suitable
wet maximum	suitable
wet minimum	suitable only under restricted conditions
dry	suitable
Air	suitable

Accessories

HOLEX Pro Steel solid carbide roughing end millHPC Ø DC
5 mm

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